

PHILIPS



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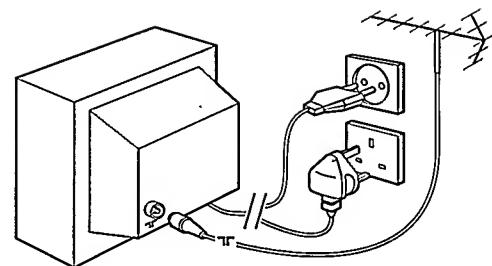


PHILIPS

Installation of the TV set

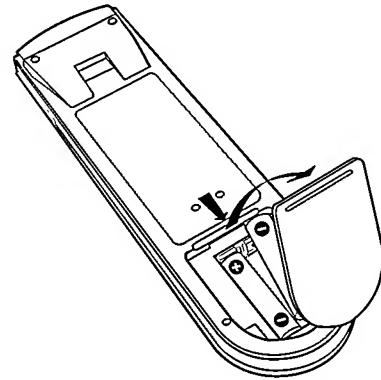
- Place your TV set on a solid and steady surface.
For ventilation, leave a space of at least 5 cms free around the set.
Do not place anything on the TV set which might damage it : plants (risk of humidity), a covering object (obstructing ventilation grids), lamps or any other heat source (risk of over-heating).
- Put the aerial plug into the **T** socket on the back of the TV set.
- Plug the supply cord into the mains (220-240 V / 50 Hz).

■ *In certain countries, the mains plug may have a different shape.*



Remote control

- Open the remote control's battery compartment.
- Insert the two LR03 batteries (delivered with the machine) while following the direction of installation.



Switching on

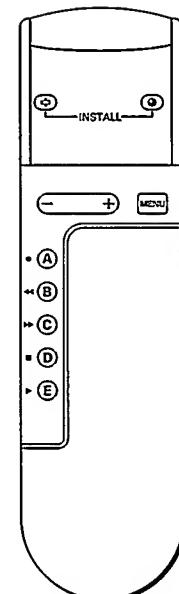
- Press the **①** key on the front of the TV set.
▷ A light comes on :
 A **green** light : the TV set is on and the screen lights up.
 A **red** light : the TV set is on, but in standby mode, the screen remains black. In this case :
- Press one of the keys numbered from **0** to **9** on the remote control or key - **P +**.
▷ The screen lights up.

■ *The light is orange and flashes when you use the remote control.*

Selecting the installation menu

This menu enables you to tune the TV channels.

- Press at the same time on the **---** and **●** keys of the remote control (or press the **INSTALL** key on the front of the TV).
▷ The **INSTALLATION** menu appears.



Introduction

You have just bought this TV set and we thank you for the trust you have shown in us. This TV set benefits from the latest advances in our technology. Its user-friendliness has been created thanks to the use of menus. The menus are displayed on request on the screen and give access to the adjustments and special functions. The coloured keys A, B, C, D, E on the remote control correspond to the different choices offered in the menu.

About this handbook

This handbook has been designed to help you install and use your TV set. We keenly advise you to read it.

- This little circle in front of a sentence indicates what you should do,
- ▷ this arrow : what you obtain,
-  *this bar : a note or a comment.*

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Selecting the menu language

With this TV set, you may choose between several languages for the menus to be called up on your screen.

You may choose **ENGLISH** or one of the other languages offered.

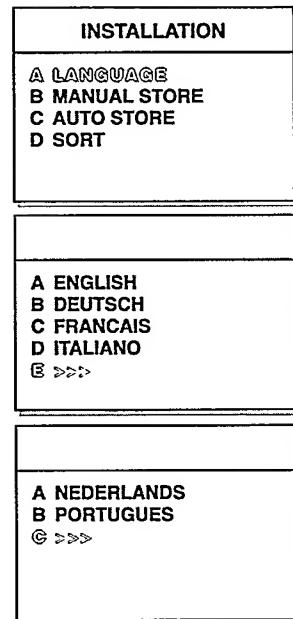
Starting from the **INSTALLATION** menu :

(to select it, press keys $\begin{array}{l} \square \\ \triangle \end{array}$ and \bullet on the remote control)

- Press the red key **A**.
- ▷ The **LANGUAGE** menu appears.
- Press the coloured key **A, B, C** or **D** corresponding to your language choice.
- ▷ The menus appear in the language you have chosen and the **INSTALLATION** menu reappears.

If none of the languages offered suit you :

- Press the white key **E**.
- ▷ A second menu appears.
- Select the language of your choice or press key **C** to return to the previous menu.
- ▷ From now on, all the menus will be displayed in the chosen language.



Searching for the TV channels

The installation menu offers two possibilities of searching for the TV channels : **manual store** or **automatic store**.

Manual store

Now follow the instructions of the **MANUAL STORE** menu. You should proceed in order, **step by step**.

Starting from the **INSTALLATION** menu :

(to select it, press keys $\begin{array}{l} \square \\ \triangle \end{array}$ and \bullet on the remote control)

- Press the green key **B**.
- ▷ The **MANUAL STORE** menu appears.



step C

Search

- Press the red key **A**.
- ▷ The TV set searches for a channel. The frequency counter appears in colour on the bottom of the screen. It runs through all the frequencies. The search ends as soon as a channel is found. The picture becomes stable as well as the frequency number of this channel which appears in white. If you wish to store this channel, go on to step **b**.
If you do not want to store it :
 - Press the red key **A** again.
 - ▷ The TV set begins its search again.
- *If no picture is found, refer to the tips chapter (p. 18).*

MANUAL STORE	
A SEARCH	B PROGRAMME NUMBER
C STORE	
- FREQUENCY +	

step C

Numbering the channel

- Press the green key **B**.
- ▷ A display zone appears on the bottom of the screen.
- Press the - P + key until the number you want appears or enter the number of the channel with the keys numbered **0** to **9**.
To obtain a channel with two figures, you should add the second figure before the hyphen disappears.

MANUAL STORE	
A SEARCH	B PROGRAMME NUMBER
C STORE	
- P .. +	

step C

Storing TV channels

- Press the yellow key **C**.
- ▷ **PROGRAMME STORED** appears at the bottom of the screen.

To search for other channels :

MANUAL STORE	
A SEARCH	B PROGRAMME NUMBER
C STORE	
PROGRAMME STORED	

repeat

steps **a, b, c.**

When the search for the channels is completed

- Press the **MENU** key twice to leave the **INSTALLATION** menu.
Now go on to the operation chapter (p. 6).

Automatic store

Your TV set will search for all the TV channels available in your area by itself. You will just need to sort the channels and give them a programme number.



Search :

Starting from the **INSTALLATION** menu :
(to select it, press keys **⬅** and **●** on the remote control)

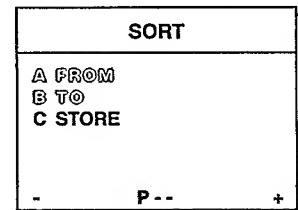
- Press the yellow key **C**.
- ▷ The TV set starts searching. It runs through all the frequency ranges and stores the channels it comes across. It stores them starting with number 59 then 58, 57 etc... until all the channels are found. The search takes a few minutes.



Numbering the channels :

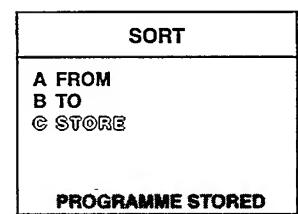
When the search is completed, the **SORT** menu appears automatically (this menu is also accessible from the **INSTALLATION** menu).

- Press the red key **A**.
- ▷ A display zone appears on the bottom of the screen. Use the **- P +** key or the keys numbered 0 to 9 to consult the channels found and stored starting from number 59, 58 ... (enter, 59,58,...).
- When the channel whose number you want to change is on the screen : (eg, you wish to change the number of channel 56 to channel 1)
- Press the green key **B**.
- ▷ A display zone appears at the bottom of the screen.
- Enter the new channel number (1) with the keys numbered from 0 to 9 or with the **- P +** key.
- ▷ In our example, channel 56 becomes channel 1. **Go on to step C.**



Storing TV channels

- Press the yellow key **C**.
- ▷ **PROGRAMME STORED** appears on the bottom of the screen, the new number of the channel is stored.
- Repeat steps **b** and **C** as many times as there are channel numbers to be changed.
- To quit the **INSTALLATION** menu, press the **MENU** key twice.

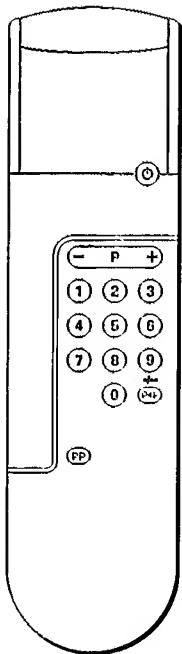


Demonstration mode

Demonstration mode enables you to consult all the menus which appear on the screen. This function is very useful for discovering all the possibilities offered by your TV set.

- Press the **PROGRAM +** and **VOLUME -** keys at the same time situated on the front of your TV set.
- ▷ **DEMONSTRATION** appears on the top of the screen.
The **INSTALLATION** and the **OPERATION** menus appear one after the other.
- To stop the demonstration mode, press the **MENU** key on the remote control.

Operation of your TV set



Standby position

The standby key enables you to switch off the TV set with the remote control :

- Press key .
- ▷ The TV set is switched off, the **red** light comes on.
- To switch the TV set back on, press key - **P +** or one of the keys numbered **0** to **9**.
- ▷ The **green** light comes on, the screen lights up and the selected channel appears.

If the aerial does not receive a signal for more than 15 minutes (end of broadcast), the set automatically switches to standby.

*If stopping for a long time, it is advised to use key **①** to switch off the TV set.*

TV channel selection

- P + , 0 / 9

You have **2** possibilities :

- Press key - **P +** on the remote control or the **PROGRAM -** and **PROGRAM +** keys on the front of the TV set.
- ▷ The number appears in the top righthand corner of the screen and the channel is selected. Each time the key is pressed, the number increases or decreases by one figure.
or
- Directly enter the channel number by using the keys numbered **0** to **9** on the remote control.
- ▷ The number appears in the top righthand corner of the screen then the channel is selected.

For a two-figure channel, the second figure should be added before the hyphen disappears.

*If you wish to make the channel number appear or disappear, refer to the special features menu, **display prog nr.** (p. 11).*

Previous programme

P◀P

- Press key **P◀P**.
- ▷ The previously selected channel reappears on the screen.
- Press **P◀P** again to return to the original channel.

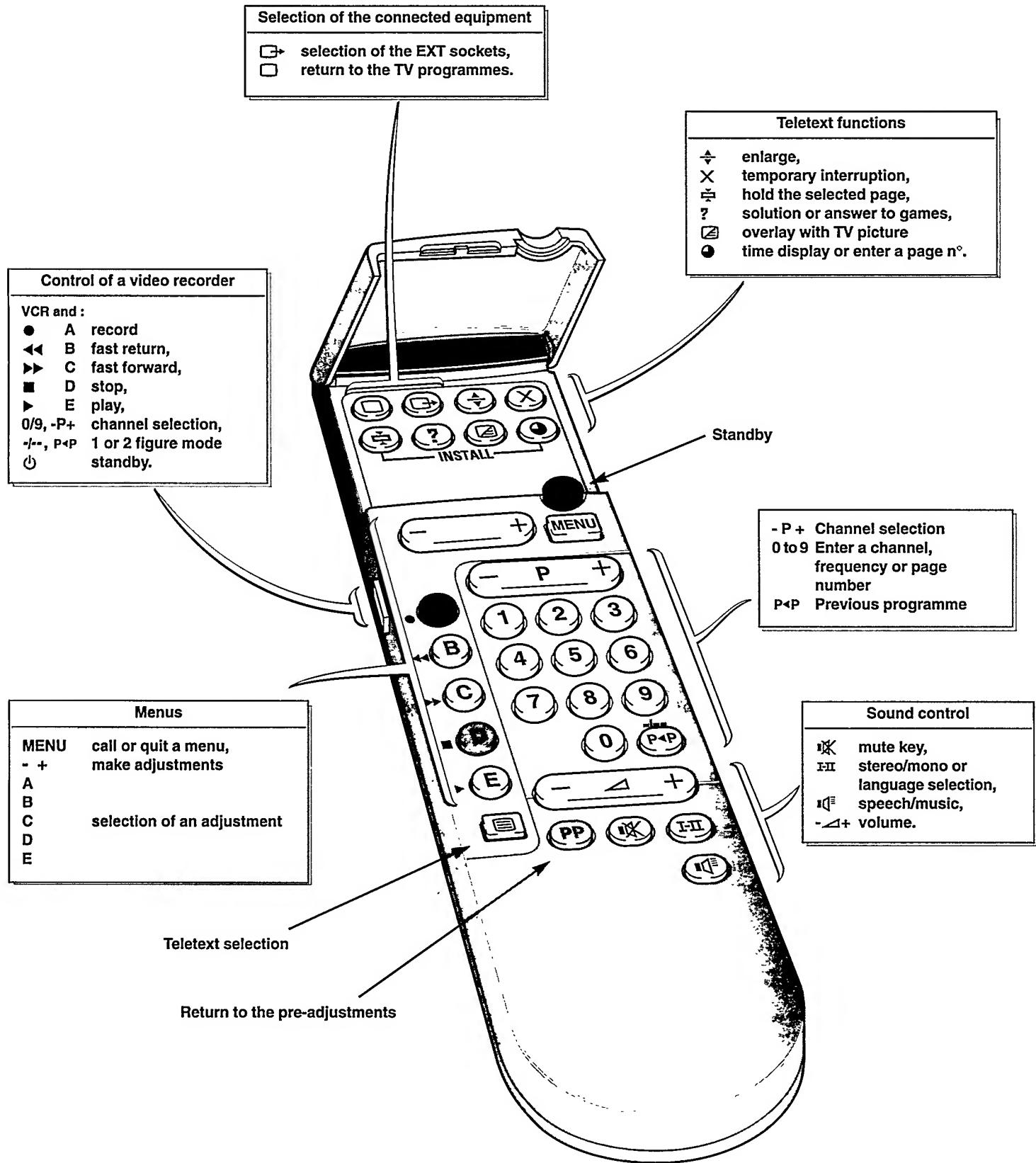
Return to the pre-adjustments

PP

This function enables you to instantly find the picture and sound adjustments you had stored beforehand with the **pers. preference** function (see p. 11).

- Press the green key **PP**.
- ▷ The previously stored adjustments are called up.

The keys of your remote control...



Volume control

- ▲ +

- Use key - ▲ + to adjust the volume or the **VOLUME** - and **VOLUME** + keys on the front of the TV set.

Mute key

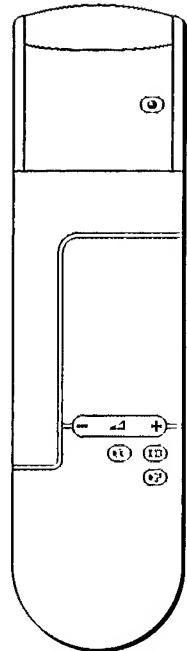


- Press the MUTE key.
- ▷ The MUTE symbol appears, the sound is off.
- Press MUTE again to restore the sound.

Speech / music



- Press the SPEECH key to switch into the speech position.
- ▷ the SPEECH symbol appears for a few moments, the lowest pitches are eliminated.
- Press the SPEECH key again to switch into the music position.
- ▷ the MUSIC sign appears for a few moments, the initial sound is restored.



Bilingual broadcasting

I-II

I or II appears each time there is a channel change when the programme you are watching is broadcast in two languages.

- Press the I-II key to choose the language you wish to hear.

Stereo / mono broadcasting

I-II

MONO or **STEREO** appears each time there is a channel change depending on whether the programme broadcast is in mono or stereo.

If the sound quality in **STEREO** is not satisfactory (noise, interference...), you may change to **MONO**.

- Press the I-II key.
- ▷ **STEREO** appears in **RED**, the sound becomes mono again.
- Press the I-II key again.
- ▷ **STEREO** appears in **GREEN**, the sound becomes stereo again.

[] For TV sets fitted with the NICAM option, **DIGITAL** appears when a programme is broadcast in NICAM.

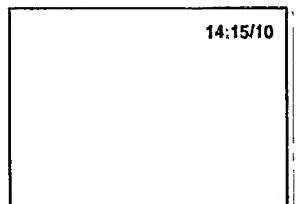
Time display



When you are watching a programme on a channel broadcasting teletext, it is possible to display the time on the screen (teletext mode should not be on).

- Press ●.
- ▷ The time appears in the top righthand corner of the screen.
- Press ● again to make it disappear.

[] If the channel does not broadcast teletext, the display rectangle stays black.



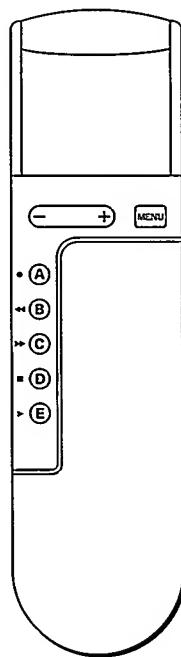
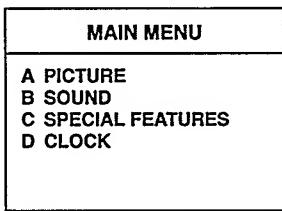
Selecting the main menu

The **MAIN MENU** gives you access to the special adjustments and functions of your TV set.

- Press the **MENU** key on the remote control.
- ▷ **MAIN MENU** appears on the screen as well as the channel number.

The coloured **A**, **B**, **C**, **D** and **E** keys give access to the various choices.

The **- +** key enables you to make adjustments. The **MENU** key enables you to quit or call up the menu.



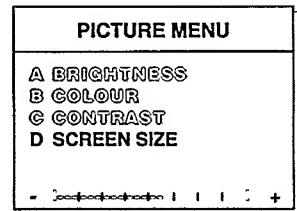
Adjusting the picture

After having called up the **MAIN MENU** (see above) :

- Press the red key **A**.
- ▷ The **PICTURE** menu appears on the screen.

Brightness, colour, contrast

- Press the coloured key (**A**, **B** or **C**) corresponding to the adjustment you wish to make.
- ▷ A horizontal ladder appears on the bottom of the screen.
- Press the **- +** key to adjust.
- ▷ The cursor moves according to your adjustment.
- Press one of the coloured keys to switch from one adjustment to another.

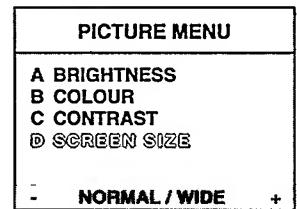


Screen size

Some TV programmes may be broadcast in 16/9 format (cinemascope type format). The proportions of these pictures are different to those of your screen. The **screen size** function guarantees a compatibility between the size of the picture and the size of your screen.

- Press the blue key **D**.
- ▷ **NORMAL** appears on the bottom of the screen.
- Press the **- +** key.
- ▷ **WIDE** appears and a black band appears on the top and the bottom of the screen.

This adjustment is useful for 16/9 pictures only. It automatically switches back to normal with each change of channel.

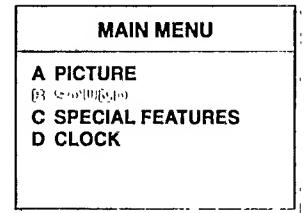


To quit the **PICTURE** menu, press the **MENU** key on the remote control.

Adjusting the sound

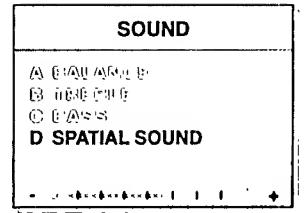
Starting from the **MAIN MENU** :
(to select it, press the **MENU** key on the TV set)

- Press the green key **B**.
- ▷ The **SOUND** menu appears.



Balance, treble, bass

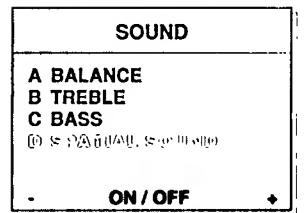
- Press the coloured keys (**A**, **B** or **C**) corresponding to the adjustment you wish to make.
- ▷ A horizontal ladder appears on the bottom of the screen.
- Press the **- +** key to adjust.
- ▷ The cursor moves according to your adjustment.
- Press the coloured keys to switch to another adjustment.



Spatial sound

The **SPATIAL** effect gives the impression of more widely spaced out loudspeakers.

- Press the blue key **D**.
- ▷ **ON** or **OFF** appears on the bottom of the screen.
- Press the **- +** key to switch the spatial sound effect on or off.
- ▷ The sound is modified.



To quit the **SOUND** menu, press the **MENU** key on the remote control.

Special features

Starting from the **MAIN MENU** :
(to select it, press the **MENU** key on the TV set)

- Press the yellow key **C**.
- ▷ The **SPECIAL FEATURES** menu appears on the screen.

MAIN MENU
A PICTURE
B SOUND
C SPECIAL FEATURES
D CLOCK

Lock

When **LOCK** is **ON**, the keys of the TV set are inactive. The remote control becomes indispensable for switching the set on. You should therefore just hide it if you want to forbid the use of the TV set (by children for example).

Starting from the **SPECIAL FEATURES** menu :

- Press the red key **A**.
- ▷ **OFF** appears on the bottom of the screen.
- Press the **- +** key.
- ▷ **ON** appears on the bottom of the screen. The keys on the TV set become inactive. Once the set is switched off, when you press one of these keys, **LOCK** appears for a few moments on the screen and your set cannot be used.

|| To cancel the locking system, return to the **OFF** position in the menu.

SPECIAL FEATURES
A LOCK
B DISPLAY PROG NR
C PERS. PREFERENCE
- ON / OFF +

Display prog. nr.

With each channel change, the programme number and information relating to the sound reception appear on the screen for 3 seconds. When **DISPLAY PROG NR** is **ON**, the programme number is permanently displayed on the screen.

Starting from the **SPECIAL FEATURES** menu :

- Press the green key **B**.
- ▷ **OFF** or **ON** appears on the bottom of the screen.
- Press the **- +** key to switch the programme display on or off.

SPECIAL FEATURES
A LOCK
B DISPLAY PROG NR
C PERS. PREFERENCE
- ON / OFF +

Pers. preference

This function enables you to store the adjustments made in the picture and sound menus with the aim of being able to find them at any time.

Starting from the **SPECIAL FEATURES** menu :

- Press the yellow key **C**.
- ▷ **OFF** appears on the bottom of the screen.
- Press the **- +** key to store the adjustments made.
- ▷ **STORED** appears. From now on, to find the adjustments stored, press the green **PP** key on the remote control.

|| Pers. preference stores all the picture and sound adjustments except for the screen size and spatial sound adjustments.

SPECIAL FEATURES
A LOCK
B DISPLAY PROG NR
C PERS. PREFERENCE
- OFF / STORED +

Programmed switching-on

The **CLOCK** menu enables you to programme the automatic switch-on time (or just the automatic channel change time) and the operating time before automatic switch-off.

Starting from the **MAIN MENU** menu :
(to select it, press the **MENU** key on the remote control)

- Press the blue key **D**.
- ▷ The **CLOCK** menu appears on the screen.

Set clock

- Press the red key **A**.
- ▷ A display zone appears on the bottom of the screen.
- Press the keys numbered **0** to **9** to set the time on the TV set (eg : enter 0915 for 9.15 am).

Switch-on time

- Press the green key **B**.
- ▷ A display zone appears on the bottom of the screen.
- Press the keys numbered **0** to **9** to enter the switch-on time (eg : enter 2000 for 8 pm).

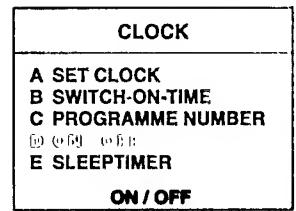
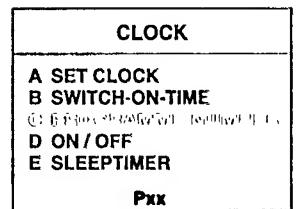
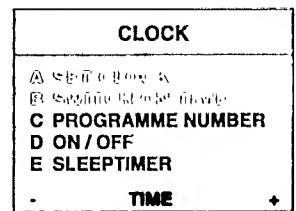
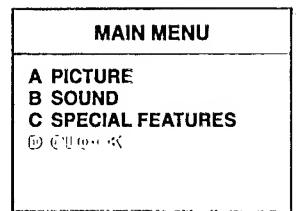
Programme number

- Press the yellow key **C**.
- ▷ A display zone appears on the bottom of the screen.
- With the keys numbered **0** to **9**, enter the channel number which should appear.

On/Off

- Press the blue key **D**.
- ▷ **OFF** appears on the bottom of the screen.
- Press the **- +** for the programmed switching-on.
- ▷ **ON** appears on the bottom of the screen.
If you put the TV set on standby, the switch-on will be automatic.
If you leave your TV set on, the channel change will be automatic.

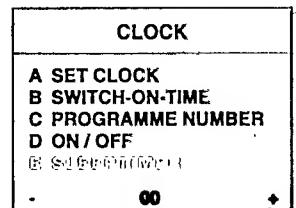
To quit the **CLOCK** menu, press the **MENU** key on the remote control.



Sleeptimer

- Press the white key **E**.
- ▷ **00** appears on the bottom of the screen.
- Press the **- +** key to set the operating time before automatic switch-off.
- ▷ Each time you press on the key, the time increases by 15 minutes (until 90).
- Press the **MENU** key twice to quit the **CLOCK** menu.
- ▷ The TV set will go automatically into standby mode when the programmed time is over. To cancel the programming, reset the display to **00**.

In the 2 cases, you may check the remaining time before the automatic switch on or switch-off by pressing the **□** key on the remote control.

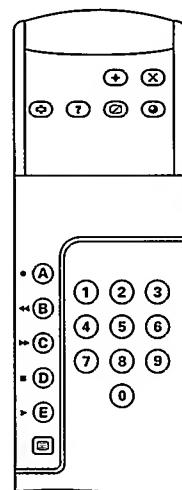


Teletext

The teletext system is an information system which can be consulted the same way as a newspaper or magazine. Among other things, it gives you access to subtitles for the deaf or people who are unfamiliar with English.

A main index shows you the various headings and subjects to which you have access. The presentation and the contents of the headings differ according to the channel which broadcasts the information.

For you it is a question of selecting the heading or subject number you wish to consult.



Switching teletext on

- Press the key.
- ▷ The channel is replaced by a teletext picture. The main index appears (generally on page 100), with a line of news on the top and an options line on the bottom of the screen.

To quit teletext, press again.

If the selected channel does not broadcast teletext, P100 appears and the screen remains black (In this case quit teletext and choose another channel).

P100 (channel news) Time	
MAIN INDEX :	
WEATHER.....	120
NEWS	200
FILM.....	250
SPORT.....	300
GAME	400
STOCKEXCHANGE	500
-	+

Selecting a teletext page

0 / 9

The page number is always made up of 3 figures. The selection zone is in the top lefthand corner of the screen.

- Enter the desired page number with the keys numbered 0 to 9 (see our example : page 120).
- ▷ The page counter searches for the page and stops as soon as it finds it.

If the counter keeps searching, then the page is not available.
If you have entered a wrong number, P?.. will appear. First fill out the number with random figures and then enter the correct page number.

P120 (channel news) Time	
1/3	
WEATHER FORECAST :	
Monday :	sunny
Tuesday :	sunny
etc...	
-	+

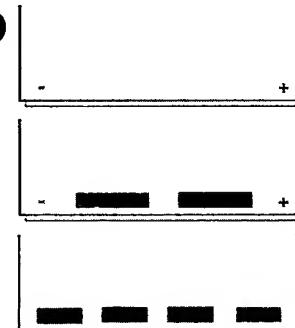
Selection with the options line

A-D

Signs - and + of the options line enable you to run through the teletext by selecting the previous or the next page.

- Press the red key **A** for the previous page (-) and the blue key **D** for the next page (+).

Certain teletext systems allow you to have quicker access to the headings. The heading names appear in colour in the options line. Select the desired heading with the corresponding coloured keys.



Return to the main index

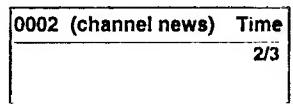
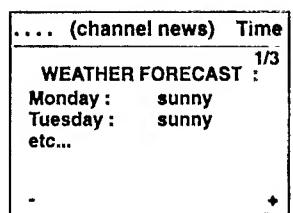
E

- Press the **E** key.
- ▷ The index appears.

Direct selection of a sub-page

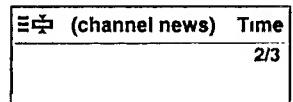
A heading or a subject sometimes contains several pages which are automatically displayed one after the other. These are sub-pages.
1/3 informs you of the number of the sub-page displayed (1) and the total number of sub-pages (3).
It is possible to have direct access to the sub-page of your choice :

- First press the subject or heading number containing the sub-pages.
- Then press .
- ▷ The display zone of the pages is replaced by 4 small dots (in the top lefthand corner).
- Enter the desired sub-page's number by using 4 figures (instead of 3). Eg : 0002 for page 2/3.
- ▷ The selected sub-page appears.
- Press  again to return to the page in use.



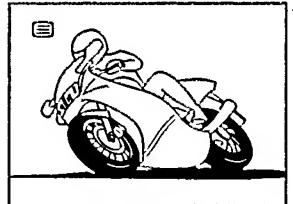
Stopping the updating of the sub-pages

- Press  to stop the updating of the sub-pages.
- ▷  appears in the news line.
The news in the displayed sub-page is no longer up-dated.
- Press  again to resume the alternance of the pages.



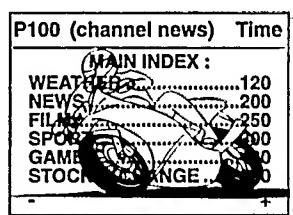
Temporary interruption of the teletext

- Press .
- ▷ The TV broadcast reappears on the screen.
 indicates that you are still in teletext mode.
- Press  again to return to the subject you left.



Overlay of the teletext on the TV picture

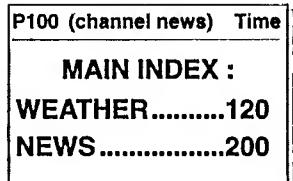
- Press .
- ▷ The teletext page is overlaid on the TV programme.
- Press  again to remove the overlay.



Reveal

Some pages contain concealed information, like for example solutions to games and answers to questions.

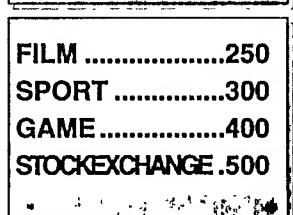
- Press .
- ▷ The concealed information is revealed.
- Press  again to make it disappear.



Enlarge

This function helps you read when you are far away from your TV set.

- Press  once.
- ▷ The upper half of the screen is enlarged.
- Press  again to enlarge the lower half of the page.
- Press  again to return to normal page size.



Connection to peripheral equipment

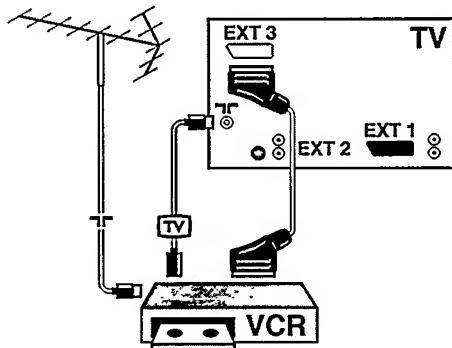
This TV set is fitted with two euroconnector which enable you to connect a wide range of peripheral equipment. This chapter helps you to make the various connections.

The EXT1 socket has the RGB entry.

When two equipments are connected at the same time, the EXT1 socket has priority over the EXT3 socket.

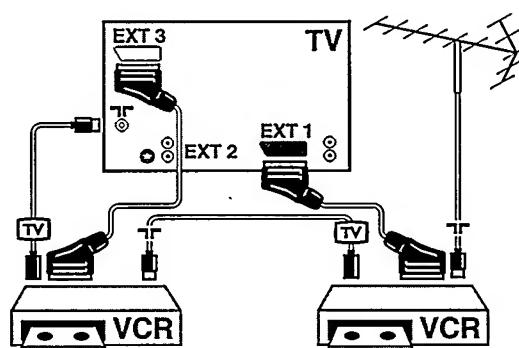
Video recorder

If you have a video recorder :



S-VHS, Hi-8, VHS, 8 mm

... or two video recorders :



S-VHS, Hi-8, VHS, 8 mm

VHS, 8 mm

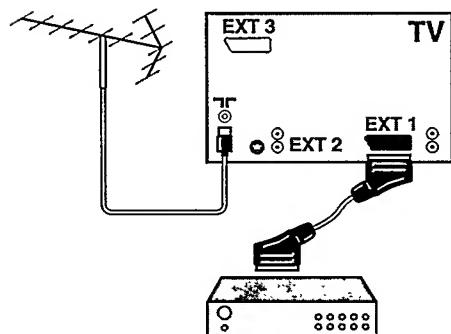
If your video recorder does not have an euroconnector (or if it is already used for other equipment), only the aerial connection is possible.

Your video recorder is then "read" by your TV set as if it were a TV channel. In this case you should find the test signal on your video recorder and give it a programme number (eg : channel 0). Refer to the manual store chapter (p. 3).

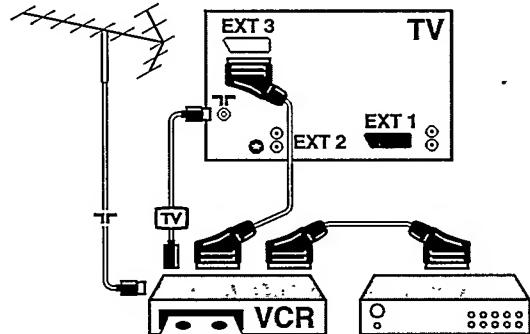
I Also refer to your video recorder's instructions on the test signal.

Decoder, satellite receiver

decoder / satellite receiver alone :



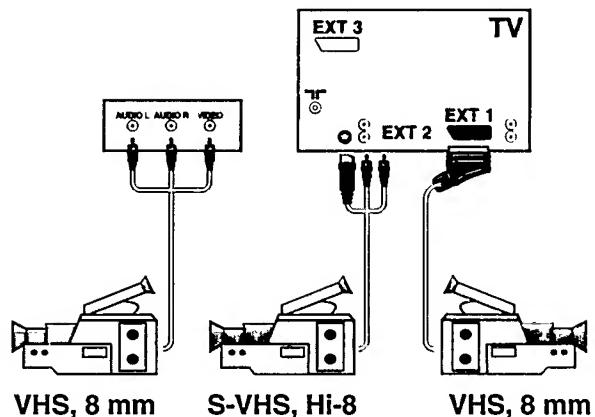
... plus a video recorder :



Video camera

Depending on the type of video camera, make the following connections :

| For a VHS or a 8 mm camera, you may use either the EXT1, EXT3 sockets or the AUDIO/VIDEO sockets on the front of the set (do not use EXT1 socket simultaneously with the AUDIO/VIDEO sockets).

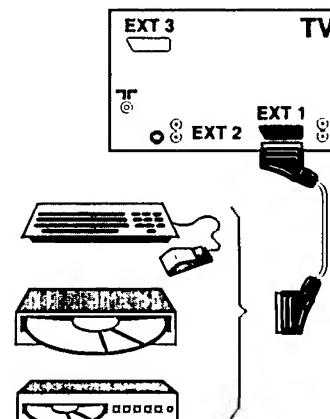


Video game, CDV player, ICD

Make the following connection :

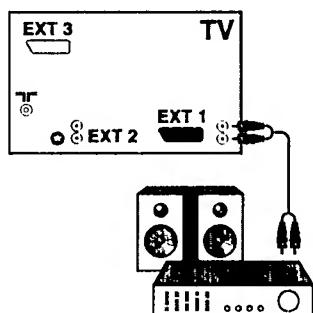
If you own several of these devices, you may also use the EXT3 socket.

| To obtain the best quality, connect the piece of equipment (computer, game, CDI) which emits RGB signals to the EXT1 socket. Refer to the equipment's instructions to know the exit signals.



Amplifier

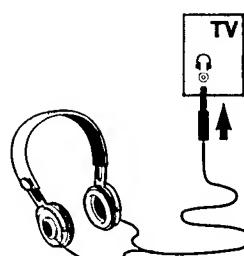
If you wish to improve the sound system, it is possible to connect the TV set to the amplifier on your Hifi system. Use the audio linking cord and connect \triangle , "L" and "R" sockets on the TV set to a "AUDIO IN", "L" and "R" sockets on the amplifier.



Headphones

The headphones socket is on the front of the TV set.
When the headphones are connected, the loudspeakers switch off automatically.

| The headphones shall have an impedance from 8 to 600 ohms.

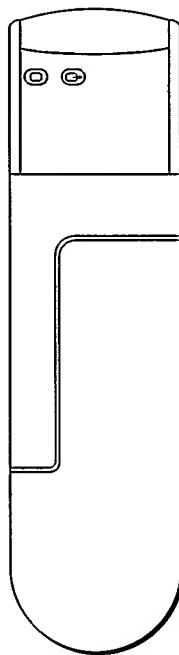


Selection of connected equipment

- Switch on your TV set and the connected equipment.
- Press key  several times in order to select the socket on which the equipment is connected.
- ▷ **EXT1, EXT2 or EXT3** appears briefly on the screen and the corresponding picture appears.
- To return to the TV picture, press the  key.
- I** *Most devices will perform the selection themselves (decoder, video recorder,...).*

For equipment connected by the aerial cable only :

- With the remote control, select the channel number you have attributed to the connected equipment.
- Switch on the device and if necessary, switch it on to the "TV/VIDEO" or "AU" position (see its instructions).
- ▷ The picture of the device appears.
- To return to the TV picture, switch off the connected device (or switch off the "TV/VIDEO" or "AU" position) and press the key of the desired channel.

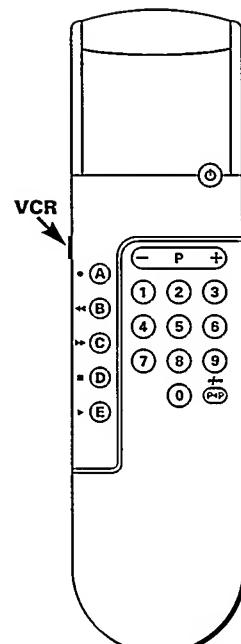


Use of the video recorder with the remote control

Your TV set's remote control has been designed to control all recent video recorders in our range and a large number of video recorders on the market.

To gain access to the video recorder's functions :

- Press **VCR** key and at the same time :
 - **A** : record,
 - ◀ **B** : fast return,
 - ▶ **C** : fast forward,
 - **D** : stop,
 - ▶ **E** : play,
- /- **P<P** : 1 or 2 figure mode for the video channels,
- 0/9, - P +** : selection of the video recorder's channels,
- ∅** : standby.



Tips

Poor picture

The causes of a poor quality picture may be the following :

The aerial receives interference or is not properly oriented towards the transmitter.
The proximity of mountains or high buildings may be responsible for ghost pictures, echoing or shadows. In this case, change the orientation of the outside aerial. Check if your channel is well tuned or finely tune it : see "channel search" (p. 4).
The brightness or contrast is maladjusted ? Press the green key PP or go back to the adjustment.

No picture

The aerial plug is disconnected from the aerial socket.

Can your aerial receive on this frequency band ?

Is the equipment connected to the TV set working (Is there a cassette ?).

You have not selected the right device with the remote control () , start again or press .

You are still in teletext mode ? Press the  key.

No sound

The silence key  has been used ?

The headphones are still plugged in ?

Only one loudspeaker works ? The balance is maladjusted (see Sound menu).

Remote control

The TV set does not react to the remote control.

The orange light on the TV set no longer flashes ? Change the batteries.

Is the TV set's infrared cell masked by an object ?

Menu

You have not selected the menu you wanted ? Press the **MENU** key to remove the displayed menu, then begin again.

The menus appear automatically, one after the other :

the TV set is in demonstration mode, press **MENU** to stop it.

The menus appear in a foreign language ?

Go back to the language choice in the installation menu (p. 3).

Still no results ?

If there are still no results or if one of the following symptoms appears, contact your dealer's after-sales service department :

A white horizontal line appears across the screen.

The light on your TV set flashes without the use of the remote control.

Whatever the case, never try to repair the TV set yourself.

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Table of TV frequencies.

Frequenztabelle der Fernsehsender.

Liste des fréquences des émetteurs.

Frequentietabel TV-Zenders.

Tabella delle frequenze delle trasmittenti.

Lista de las frecuencias de las emisoras.

Lista das frequências dos emissores.

Liste over TV senderne.

Tabell over TV-frekvenser.

Tabell över TV-frekvenser.

TV-taajuustaulukko.

Κατάλογος συγνότητων πομπών.

Список частот передатчиков.

A televízió-adóállomások frekvenciáinak a listája.

Lista częstotliwości stacji nadawczych.

Seznam frekvenčných pásem vysieláciú.

Zoznam frekvenčných pásiem vysielacov.

GB

The frequencies used by a cable company may differ from the frequencies on the table. Consult your cable company or your dealer for detailed information.

D

In Kabelfernsehanlagen können Abweichungen von den in den Frequenztabellen aufgeführten Frequenzen vorkommen. Bitte wenden Sie sich an Ihren Fachhändler oder Ihre Kabelfernsehgesellschaft, die Ihnen die zutreffenden Frequenzen mitteilt.

F

Les fréquences utilisées par une société de télédistribution peuvent être différentes de celles sur la liste des fréquences. Consultez votre société de télédistribution ou votre revendeur pour des informations plus détaillées.

NL

De frequenties die gebruikt worden door een kabelmaatschappij kunnen verschillen van deze op de tabel. Raadpleeg uw kabelexploitant of uw handelaar voor meer informatie.

I

Le frequenze usate per una società di teledistribuzione possano essere differente da quelle en la tabella. Consultate la società di teledistribuzione o il vostre rivenditore per informazione specificata.

E

Las frecuencias utilizadas por las empresas de distribución de señal por cable, pueden ser diferentes de las que se encuentran en esta tabla. Consulte con su compañía de distribución de televisión por cable o con su distribuidor para que le proporcionen una información más detallada.

P

As frequências utilizadas por uma sociedade de teledistribuição podem ser diferentes das indicadas na lista de frequências. Consultar a sociedade de teledistribuição ou o vendedor para informações mais detalhadas.

DK

Frekvenser benyttet af kabel operatører kan være afvigende fra disse, kontakt deres kabel operator eller forhandler for nærmere information.

N

Frekvensene som benyttes på et kabelnett kan avvike fra de som er oppført i tabellen. Kontakt ditt kabel-TV selskap eller din forhandler for nærmere opplysninger.

S

Frekvenserna som används i kabel-TV-näten kan avvika från frekvenserna i tabellen. Kontakta ditt kabel-TV-bolag eller din radiohandlare för vidare information.

SF

Kaapeliyhtiöiden käytämät taajuudet voivat poiketa taulukossa olevista taajuuskisista. Tarkat tiedot saat kaapeliyhtiöstä tai myyjältä.

GR

Oι συγνότητες που χρησιμοποιούνται από μια εταιρεία τηλεμετάδοσης είναι διντάτων και είναι διαφορετικές από αυτές που περιέχει ο κατάλογος. (Συμβουλεύθετε την εταιρεία τηλεμετάδοσης ή τον πωλητή για λεπτομερέστερες πληροφορίες).

CEI

Частоты на которых передаёт телекомпания могут отличаться от частот на данной таблице. (Обратитесь к Вашей телекомпании или Вашему продавцу за дополнительной информацией.

H

Egy televízió-adóállomás sugárzáshoz használt frekvenciartalományai lehetnek a táblázatban közöltekkel eltérőek is. (Abban az esetben, ha bővebb információra van szüksége, forduljon az eladóhoz),

PL

Operator sieci telewizyjnej może stosować inne częstotliwości, niż te, które figurują na tablicy (bardziej szczegółowych informacji na ten temat zasięgnąć u operatora lub sprzedawcy).

TCH

Frekvence používané některými společnostmi se mohou lišit od údajů uvedených v tomto seznamu. Informujte se blíže u příslušné společnosti nebo v prodejně, kde jste televizor kupili.

SLV

Frekvencie používané niektorými spoločnosťami televízneho prenosu sa môžu lísiť od údajov uvedených v tomto zozname. Informujte sa bližšie u príslušnej spoločnosti alebo v predajni, kde ste televízor kúpili.

EUROPE	CANAL	FREQ (MHz)
E2.....48.25	R1.....49.75	
E3.....55.25	R2.....59.25	
E4.....62.25	R3.....77.25	
E5.....175.25	R4.....85.25	
E6.....182.25	R5.....93.25	
E7.....189.25	R6.....175.25	
E8.....196.25	R7.....183.25	
E9.....203.25	R8.....191.25	
E10.....210.25	R9.....199.25	
E11.....217.25	R10.....207.25	
E12.....224.25	R11.....215.25	
S1.....105.25	R12.....223.25	
S2.....112.25	S1.....105.25	
S3.....119.25	S2.....112.25	
S4.....126.25	S3.....119.25	
S5.....133.25	S4.....126.25	
S6.....140.25	S5.....133.25	
S7.....147.25	S6.....140.25	
S8.....154.25	S7.....147.25	
S9.....161.25	S8.....154.25	
S10.....168.25	S9.....161.25	
S11.....231.25	S10.....168.25	
S12.....238.25	S11.....231.25	
S13.....245.25	S12.....238.25	
S14.....252.25	S13.....245.25	
S15.....259.25	S14.....252.25	
S16.....266.25	S15.....259.25	
S17.....273.25	S16.....266.25	
S18.....280.25	S17.....273.25	
S19.....287.25	S18.....280.25	
S20.....294.25	S19.....287.25	
H1.....303.25	S20.....294.25	
H2.....311.25	H1.....303.25	
H3.....319.25	H2.....311.25	
H4.....327.25	H3.....319.25	
H5.....335.25	H4.....327.25	
H6.....343.25	H5.....335.25	
H7.....351.25	H6.....343.25	
H8.....359.25	H7.....351.25	
H9.....367.25	H8.....359.25	
H10.....375.25	H9.....367.25	
H11.....383.25	H10.....375.25	
H12.....391.25	H11.....383.25	
H13.....399.25	H12.....391.25	
H14.....407.25	H13.....399.25	
H15.....415.25	H14.....407.25	
H16.....423.25	H15.....415.25	
H17.....431.25	H16.....423.25	
H18.....439.25	H17.....431.25	
H19.....447.25	H18.....439.25	
H20.....457.25	H19.....447.25	
H21.....471.25	H21.....471.25	
H22.....487.25	H22.....479.25	
H23.....495.25	H23.....487.25	
H24.....503.25	H24.....495.25	
H25.....511.25	H25.....503.25	
H26.....519.25	H26.....511.25	
H27.....527.25	H27.....519.25	
H28.....535.25	H28.....527.25	
H29.....543.25	H29.....535.25	
H30.....551.25	H30.....543.25	
H31.....559.25	H31.....551.25	
H32.....567.25	H32.....559.25	
H33.....575.25	H33.....567.25	
H34.....583.25	H34.....575.25	
H35.....591.25	H35.....583.25	
H36.....599.25	H36.....591.25	
H37.....607.25	H37.....599.25	
H38.....615.25	H38.....607.25	
H39.....623.25	H39.....615.25	
H40.....631.25	H40.....615.25	
H41.....639.25	H41.....631.25	
H42.....647.25	H42.....639.25	
H43.....655.25	H43.....647.25	
H44.....663.25	H44.....655.25	
H45.....671.25	H45.....663.25	
H46.....679.25	H46.....671.25	
H47.....687.25	H47.....679.25	
H48.....695.25	H48.....687.25	
H49.....703.25	H49.....695.25	
H50.....711.25	H50.....703.25	
H51.....719.25	H51.....711.25	
H52.....727.25	H52.....719.25	
H53.....735.25	H53.....727.25	
H54.....743.25	H54.....735.25	
H55.....751.25	H55.....743.25	
H56.....759.25	H56.....751.25	
H57.....767.25	H57.....759.25	
H58.....775.25	H58.....767.25	
H59.....783.25	H59.....775.25	
H60.....791.25	H60.....783.25	
H61.....799.25	H61.....791.25	
H62.....807.25	H62.....799.25	
H63.....807.25	H63.....807.25	
H64.....815.25	H64.....815.25	
H65.....823.25	H65.....823.25	
H66.....831.25	H66.....823.25	
H67.....839.25	H67.....831.25	
H68.....839.25	H68.....839.25	
H69.....855.25	H69.....855.25	

EASTERN EUROPE	CANAL	FREQ (MHz)
R1.....49.75	R1.....49.75	
R2.....59.25	R2.....59.25	
R3.....77.25	R3.....77.25	
R4.....85.25	R4.....85.25	
R5.....93.25	R5.....93.25	
R6.....175.25	R6.....175.25	
R7.....183.25	R7.....183.25	
R8.....191.25	R8.....191.25	
R9.....199.25	R9.....199.25	
R10.....207.25	R10.....207.25	
R11.....215.25	R11.....215.25	
R12.....223.25	R12.....223.25	
S1.....105.25	S1.....105.25	
S2.....112.25	S2.....112.25	
S3.....119.25	S3.....119.25	
S4.....126.25	S4.....126.25	
S5.....133.25	S5.....133.25	
S6.....140.25	S6.....140.25	
S7.....147.25	S7.....147.25	
S8.....154.25	S8.....154.25	
S9.....161.25	S9.....161.25	
S10.....168.25	S10.....168.25	
S11.....231.25	S11.....231.25	
S12.....238.25	S12.....238.25	
S13.....245.25	S13.....245.25	
S14.....252.25	S14.....252.25	
S15.....259.25	S15.....259.25	
S16.....266.25	S16.....266.25	
S17.....273.25	S17.....273.25	
S18.....280.25	S18.....280.25	
S19.....287.25	S19.....287.25	
S20.....294.25	S20.....294.25	
H1.....303.25	H1.....303.25	
H2.....311.25	H2.....311.25	
H3.....319.25	H3.....319.25	
H4.....327.25	H4.....327.25	
H5.....335.25	H5.....335.25	
H6.....343.25	H6.....343.25	
H7.....351.25	H7.....351.25	
H8.....359.25	H8.....359.25	
H9.....367.25	H9.....367.25	
H10.....375.25	H10.....375.25	
H11.....383.25	H11.....383.25	
H12.....391.25	H12.....391.25	
H13.....399.25	H13.....399.25	
H14.....407.25	H14.....407.25	
H15.....415.25	H15.....415.25	
H16.....423.25	H16.....423.25	
H17.....431.25	H17.....431.25	
H18.....439.25	H18.....439.25	
H19.....447.25	H19.....447.25	
H20.....455.25	H20.....455.25	
H21.....463.25	H21.....463.25	
H22.....471.25	H22.....471.25	
H23.....479.25	H23.....479.25	
H24.....487.25	H24.....487.25	
H25.....495.25	H25.....495.25	
H26.....503.25	H26.....503.25	
H27.....511.25	H27.....511.25	
H28.....519.25	H28.....519.25	
H29.....527.25	H29.....527.25	
H30.....535.25	H30.....535.25	
H31.....543.25	H31.....543.25	
H32.....551.25	H32.....551.25	
H33.....559.25	H33.....559.25	
H34.....567.25	H34.....567.25	
H35.....575.25	H35.....575.25	
H36.....583.25	H36.....583.25	
H37.....591.25	H37.....591.25	
H38.....599.25	H38.....599.25	
H39.....607.25	H39.....607.25	
H40.....615.25	H40.....615.25	
H41.....623.25	H41.....623.25	
H42.....631.25	H42.....631.25	
H43.....639.25	H43.....639.25	
H44.....647.25	H44.....647.25	
H45.....655.25	H45.....655.25	
H46.....663.25	H46.....663.25	
H47.....671.25	H47.....671.25	
H48.....679.25	H48.....679.25	
H49.....687.25	H49.....687.25	
H50.....695.25	H50.....695.25	
H51.....703.25	H51.....703.25	
H52.....711.25	H52.....711.25	
H53.....719.25	H53.....719.25	
H54.....727.25	H54.....727.25	
H55.....735.25	H55.....735.25	
H56.....751.25	H56.....751.25	
H57.....759.25	H57.....759.25	
H58.....767.25	H58.....767.25	
H59.....775.25	H59.....775.25	
H60.....783.25	H60.....783.25	
H61.....791.25	H61.....791.25	
H62.....799.25	H62.....799.25	
H63.....807.25	H63.....807.25	
H64.....815.25	H64.....815.25	
H65.....823.25	H65.....823.25	
H66.....831.25	H66.....831.25	
H67.....839.25	H67.....839.25	
H68.....839.25	H68.....839.25	
H69.....855.25	H69.....855.25	

FRANCE	CANAL	FREQ (MHz)
2.....55.75	2.....55.75	
3.....60.50	3.....60.50	</td

